

REMARKS

Entry of the foregoing amendments prior to examination is respectfully requested. Support for the amendments can be found in the specification. No new matter has been added.

The Examiner is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application.

Respectfully submitted,

Date January 30, 2003

By 

FOLEY & LARDNER
Customer Number: 22428



22428

PATENT TRADEMARK OFFICE

Telephone: (202) 672-5540
Facsimile: (202) 672-5399

Glenn Law
Attorney for Applicant
Registration No. 34,371

Paul D. Strain
Agent for Applicant
Registration No. 47,369

MARKED UP VERSION SHOWING CHANGES MADE

Below are the marked up amended claim(s):

6. (Amended) A hybrid tank for storing hydrogen in both liquid and solid forms, comprising two concentric containers, one of said containers hereinafter called "inner container" being located within the other one which is hereinafter called "outer container", said containers being separated by an insulating sleeve for maintaining the inner container at low temperature, said inner container being used for storing hydrogen in a liquid form, said outer container being in **[direct]** communication with the inner container and containing a metal hydride for storing hydrogen in a solid form.

7. (Amended) The hybrid tank according to claim 6, wherein the hydride **[that is used in]** within the outer container is an hydride having low equilibrium plateau pressure at the operating temperature of the tank.

8. (Amended) The hybrid tank according to claim 7, wherein the hydride **[that is used]** within the outer container is selected from the group consisting of NaAlH_4 , LiAlH_4 , LaNi_5H_6 and MgH_2 .

10. (Amended) The hybrid tank according to claim 9, wherein the hydride within the outer container is selected from the group consisting of $\text{TiCr}_{1.8}$, TiMn_{2-y} , Hf_2Cu , Zr_2Pd , TiCu_3 and $\text{V}_{0.855}\text{Cr}_{0.145}$.